

PATENT

Atty. Docket No.: 401-UTL-0 (18528.010)

AMENDMENTS TO THE SPECIFICATION

Please replace the first paragraph in the section titled "DETAILED DESCRIPTION OF THE INVENTION" on page 9, with the following amended paragraph:

It has been generally accepted that endogenous NPY (reviewed in (Schwartz, Woods, et al. *Nature* 404: 661-71, 2000)), and PYY (Morley, J. E., Levine, A. S., Grace, M., and Kneip, J. *Brain Res* 341: 200-203, 1985)), via their receptors, increase feeding behavior. Methods directed at therapies for obesity have invariably attempted to antagonize Y receptors, while claims for treating anorexia have been directed at agonists of this ligand family. However, as described and claimed herein, it has been surprisingly discovered that peripheral administration of PYY and agonists thereof has a potent effect to reduce nutrient availability, rather than increase it as suggested by reports in the patent and scientific literature (see e.g. US Patent Nos 5,912,227 and ~~6,315,203~~ 6,316,203 which disclose the use of PYY receptor agonists to increase weight gain). The spectrum of actions of inhibition of food intake, slowing of gastric emptying, inhibition of gastric acid secretion, and inhibition of pancreatic enzyme secretion, are useful to exert clinical benefit in metabolic diseases such as type 1, type 2, or gestational diabetes mellitus, obesity and other manifestations of insulin-resistance syndrome (Syndrome X), and in any other use for reducing nutrient availability.